

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave. St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 99.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-029459**Date Inspected:** 26-Apr-2013**Project Name:** SAS Superstructure**OSM Arrival Time:** 600**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1430**Contractor:** USA Hoist**Location:** Crest Hill, IL.

<b>CWI Name:</b>	Robert Zimny		
<b>Inspected CWI report:</b>	Yes	No	N/A
<b>Electrode to specification:</b>	Yes	No	N/A
<b>Qualified Welders:</b>	Yes	No	N/A
<b>Approved Drawings:</b>	Yes	No	N/A

<b>CWI Present:</b>	Yes	No
<b>Rod Oven in Use:</b>	Yes	No N/A
<b>Weld Procedures Followed:</b>	Yes	No N/A
<b>Verified Joint Fit-up:</b>	Yes	No N/A
<b>Approved WPS:</b>	Yes	No N/A
<b>Delayed / Cancelled:</b>	Yes	No N/A
<b>Component:</b>	SAS Elevator	

**Bridge No:** 34-0006**Summary of Items Observed:**

Quality Assurance Inspector (QAI) James Kent Smith was at the USA Hoist shop in Crest Hill, Illinois between the times noted above in order to monitor Quality Control functions and the in process work being performed by USA Hoist personnel. The following items were observed:

Matt Wasigi, identification letter "A":

"A" was observed at various intervals during the day cutting the mast material for the lower 1/3 section of the tower assembly. This material (6"x 6"x 3/8" square tube) will be used for the tapered portion of the mast attaching to the tower. "A" was cutting the material as specified on the approved drawings #914203-19 thru 25, both Left Hand and Right Hand pieces were being cut at the time of being observed. Operator was witnessed performing dimensional verifications as each piece of material was being set up in the saw as well as verifying the cut dimension when finished. Each piece was identified with location number written on the side of the material as specified. This material will be dimensionally inspected by QC before any welding of the attaching fixtures or any further operations will be performed.

This QAI observed no further activity being performed on any other materials for this project during the day. The upper mast sections have completed the welding operation(s) attaching the weldment tower connections to each end and are awaiting approval acceptance from QC before being transferred to the machine shop for final machining to lengths specified on drawings. Tim Moran, project manager, informed this QAI that he will be submitting an approval request to Cal-Trans for the machine shop USA Hoist wants to utilize for the machining operation on these mast sections.

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Unless otherwise noted, work observed on this date appeared to generally comply with special provisions and applicable contract documents.



### Summary of Conversations:

Basic conversation, fundamental to completion of the tasks at hand, occurred between this QAI and USA Hoist Management and Quality Control personnel.

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Gary Thomas (916)764-6027, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Smith,James	Quality Assurance Inspector
<b>Reviewed By:</b>	Riley,Ken	QA Reviewer

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